

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A turbine for rotation about a longitudinal axis substantially perpendicular to the direction of fluid flow, said turbine comprising three longitudinally extending substantially rigid blades each of which increases in axial cross-sectional width along the axis, the leading surface of each said blade diverting fluid flow impinging thereon to generate a zone of reduced fluid pressure acting thereon and the trailing surface of each said blade having turbulent fluid flow impinging thereon to generate a zone of increased fluid pressure acting thereon.

2. (Original) The turbine as claimed in claim 1, wherein each blade includes an edge strip rearwardly inclined relative to the direction of rotation.

3. (Previously Presented) The turbine as claimed in claim 1, and having the three blades arranged equally at substantially 120° about said axis.

4. (Previously Presented) The turbine as claimed in claim 1, wherein the pitch of said blades is from 90° - 120°.

5. (Previously Presented) A plurality of turbines as claimed in claim 1, and mounted on said longitudinal axis.

6. (Original) The plurality of turbines as claimed in claim 5, wherein each successive turbine is radially displaced from its preceding turbine by a radial displacement relative to said longitudinal axis.

7. (Original) The plurality of turbines as claimed in claim 6, wherein said radial displacement is from 10 degrees to 60 degrees.

8. (Previously Presented) The turbine as claimed in claim 7, and mounted for rotation by wind.

9. (Previously Presented) The turbine as claimed in claim 1, and mounted for rotation by liquid.

10. (Previously Presented) The turbine as claimed in any one of claim 1, and coupled to an electric generator.

11. (Currently Amended) A vertical axis wind turbine having three substantially rigid sails or blades, each of which increases in axial cross-sectional width along the axis, set at substantially 120° spacing around a central vertical axis, each said sail having a leading surface and a trailing surface, said leading surface being shaped to provide forward impetus when wind flow impinges against same in a first direction, and said trailing surface being shaped to provide forward impetus when fluid flow impinges on same in a direction opposite to said first direction, wherein said three sails provide a substantially constant torque for substantially constant wind flow independent of wind direction.

12. (Previously Presented) The turbine as claimed in claim 11 wherein each said sail is provided with a longitudinally extending extension strip at the maximum radial extent of each said sail.

13. (Previously Presented) The turbine as claimed in claim 12 wherein each said extension strip is rearwardly inclined relative to the forward direction of rotation of the turbine.

14. (Previously Presented) The turbine as claimed in claim 13 wherein each said extension strip has a forward surface and a rearward surface which are substantially flush with the corresponding forward and rearward surfaces of the corresponding sail.